

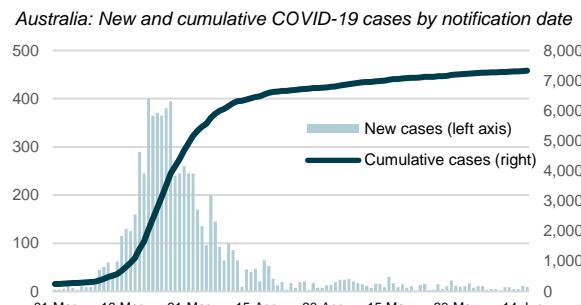
COVID-19 Client Bulletin

Status as at: 15th June 2020

Australia COVID-19 Snapshot

	Australia		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	7,320	+1%	2,161,116	+7%
Deaths	102	0%	117,849	+4%
Deaths per 1M	4	0%	356	+4%
Testing rate per 1M	71,112	-	74,869	-

(1) change versus previous week



Australia Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies
Ethics and Governance	<ul style="list-style-type: none"> Bellberry (private EC): continues to operate remotely and are asking researchers to comment on any actions the pandemic has required. Are now considering end stages of the pandemic with a focus on re-opening sites and recruitment Public sites: all meetings conducted virtually and maintaining the pre-planned 2020 timetables. All submissions completed electronically, and legal documents e-signed
Recruitment	<ul style="list-style-type: none"> 90% of the Top 10 biotech sites are now open for recruitment and 80% are conducting SIVs for new studies
Participant visits	<ul style="list-style-type: none"> 90% of the Top 10 biotech sites are now open to subject visits with ongoing social distancing measures Sites continue to assess potential for study visits/specific assessments to be completed closer to the participant home to ensure all protocol requirements are met (e.g. local pathology & imaging) including Telehealth and home nursing options. Site staff may work remotely and only attend the site for study visits to ensure subject / staff safety
Monitoring	<ul style="list-style-type: none"> Over 80% of all sites are now open to onsite or remote monitoring Of the Top 10 biotech sites, 80% are now open to onsite monitoring with the remaining 20% are available for remote monitoring activities Novotech is working closely with sites with a focus on re-establishing on site activities
IP Supply and delivery	<ul style="list-style-type: none"> Significant reduction in passenger jet volume but normal operation of air couriers and local delivery Contingency in place to proactively ensure sufficient IP stock in the country to mitigate any delays with IP supply chain Multiple vendors available for Direct to Patient IP delivery and home IP administration, where appropriate
General	<ul style="list-style-type: none"> Electronic signature widely accepted Sites, Industry, Health Authority and National HRECs coordinating activities to ensure subject safety and trial continuity 100% of Novotech staff can work remotely with office access if required. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> High levels of investigator interest, institutional support, and acceleration of processes from Ethics/regulatory authorities NSW Health new program of COVID-19 Research Grants now available Final protocol to site activation estimated to be 3-4 weeks

Top 10 sites: High level status (Top 10 sites in Australia represent 33% of biotech activity)

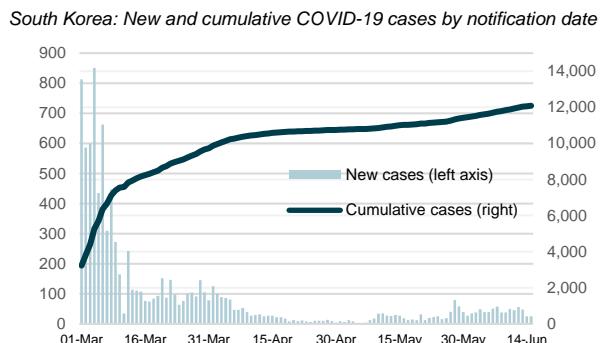
	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
Westmead Hospital	Available	On hold	On hold (exceptions)	On hold (exceptions)	Available onsite	Expedited
Monash Hospital	Available	Available	Available	Available	Available onsite	Expedited
The Royal Melbourne	Available	By video	Available	Remote visit	Available onsite	Expedited
Nucleus Network Ltd	Available	Available	Available	Available	Available onsite	Only vaccine trials expedited
Royal Adelaide Hospital	Available	By video	Available	Remote subject visit	Remote Monitoring	Expedited
The Alfred Hospital	Available	Available	Available	Available	Available onsite	Expedited
Austin Hospital	Available	By video	Available	Available	Available onsite	Requires exec approval
Royal Prince Alfred Hospital	Available	Available	Available	Open (subject treatment only)	Available onsite	Expedited
Linear Clinical Research	Available	By video	Available	Available	Available onsite	Only vaccine trials expedited
St Vincent's (Melbourne)	Available	On hold	Available except for Gastro	Available	Remote Monitoring	On Hold

Novotech monitors activity for all sites. Please contact your project manager for an update - Sources: Worldometer, Ourworldindata.org, health.gov.au

Status as at: 15th June 2020

South Korea COVID-19 Snapshot

	South Korea		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	12,085	+2%	2,161,116	+7%
Deaths	277	+1%	117,849	+4%
Deaths per 1M	5	+1%	356	+4%
Testing rate per 1M	21,463	-	74,869	-



(1) change versus previous week

South Korea Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies
Ethics and Governance	<ul style="list-style-type: none"> Review and approval of non-COVID-19 clinical trials are continuing as scheduled
Recruitment	<ul style="list-style-type: none"> Clinical trial sites are now re-opening and recruitment is ongoing at all trial sites
Participant visits	<ul style="list-style-type: none"> Subject visits are now available at all sites with social distancing measures implemented
Monitoring	<ul style="list-style-type: none"> Onsite monitoring visits have resumed at 90% of sites Current travel restriction to the Daegu city/Kyongpook province remains, no other travel restrictions Remote monitoring is possible provided subject consent is confirmed
IP Supply and delivery	<ul style="list-style-type: none"> Normal operation of air couriers and local delivery Contingency in place ensure sufficient IP stock in the country to mitigate any delays with international IP supply chain Multiple vendors available for direct to patient IP delivery as per MFDS guideline
General	<ul style="list-style-type: none"> Electronic signature accepted Sites, Industry, Health Authority and ECs coordinating activities to ensure subject safety and trial continuity 100% of Novotech staff can work remotely with office access if required. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> The South Korean Ministry of Food and Drug Safety (MFDS) has announced "GO-expedite" program where they are expediting the review process for COVID-19 treatment and vaccine trials with specific timelines. A Novotech client's COVID-19 trial was just approved in under 9 days in South Korea High levels of investigator interest and institutional support to participate in COVID-19 trials Currently there are twelve COVID-19 trials approved in South Korea

Top 10 sites: High level status (Top 10 sites in South Korea represent 48% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
Asan Medical Center	Available	Available	Available	Available	Available onsite	Expedited
Samsung Medical Center	Available	Available	Available	Available	Available onsite	Expedited
Seoul National University Hospital	Available	Available	Available	Available	Available onsite	Expedited
Seoul National University Bundang	Available	Available	Available	Available	Available onsite	Expedited
Severance Hospital, Yonsei	Available	Available	Available	Available	Available onsite	Expedited
Seoul St.Mary's Hospital	Available	Available	Available	Available	Available onsite	Expedited
Pusan National University Hospital	Available	Available	Available	Available	On Hold	Expedited
Ulsan University Hospital	Available	Available	Available	Available	Available (with exceptions)	Expedited
SMG-SNU Boramae Medical Center	Available	Available	Available (exceptions)	Available	Available (with exceptions)	Expedited
Chungbuk National University Hospital	Available	Available	Available	Available	Available onsite	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

COVID-19 Client Bulletin



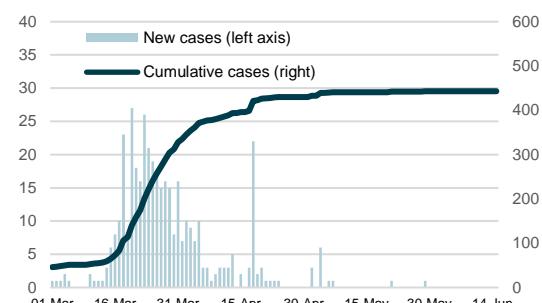
Status as at: 15th June 2020

Taiwan COVID-19 Snapshot

	Taiwan		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	443	0%	2,161,116	+7%
Deaths	7	0%	117,849	+4%
Deaths per 1M	0.3	0%	356	+4%
Testing rate per 1M	3,097	-	74,869	-

(1) change versus previous week

Taiwan: New and cumulative COVID-19 cases by notification date



Taiwan Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies
Ethics and Governance	<ul style="list-style-type: none"> Review and approval of clinical trials are continuing as scheduled
Recruitment	<ul style="list-style-type: none"> Sites are open for recruitment to all trials
Participant visits	<ul style="list-style-type: none"> Sites are open for subject visits to occur
Monitoring	<ul style="list-style-type: none"> Monitoring visits are permitted
IP Supply and delivery	<ul style="list-style-type: none"> No impact and the IP supply chain is operating with no restrictions
General	<ul style="list-style-type: none"> 100% of Novotech staff can work remotely with office access if required State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> High levels of investigator interest, institutional support, and acceleration of processes from Ethics/regulatory authorities for COVID-19 trials

Top 10 sites: High level status (Top 10 sites in Taiwan represent 78% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
National Taiwan University Hospital	Available	Available	Available	Available	Available	Expedited
China Medical University Hospital	Available	Available	Available	Available	Available	Expedited
Chang Gung Memorial Hospital- Linko	Available	Available	Available	Available	Available	Expedited
Taipei Veterans General Hospital	Available	Available	Available	Available	Available	Expedited
Chang Gung Memorial Hospital Kaohsiung	Available	Available	Available	Available	Available	Expedited
Kaohsiung Medical University Hospital	Available	Available	Available	Available	Available	Expedited
Tri-service General Hospital	Available	Available	Available	Available	Available	Expedited
Chung Shan Medical University Hospital	Available	Available	Available	Available	Available	Expedited
Changhua Christian Hospital	Available	Available	Available	Available	Available	Expedited
Chi Mei Medical Center	Available	Available	Available	Available	Available	Expedited
Taichung Veterans General Hospital	Available	Available	Available	Available	Available	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

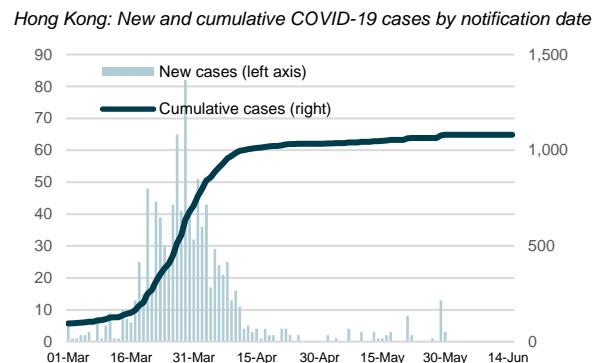
COVID-19 Client Bulletin

Status as at: 15th June 2020

Hong Kong COVID-19 Snapshot

	Hong Kong		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	1,110	0%	2,161,116	+7%
Deaths	4	0%	117,849	+4%
Deaths per 1M	0.5	0%	356	+4%
Testing rate per 1M	32,290	-	74,869	-

(1) change versus previous week



Hong Kong Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies
Ethics and Governance	<ul style="list-style-type: none"> Review and approval of non-COVID-19 clinical trials are continuing as scheduled
Recruitment	<ul style="list-style-type: none"> All top 10 biotech sites are open for recruitment
Participant visits	<ul style="list-style-type: none"> In public sites, subject visits are proceeding with no changes required There has been limited impact for subjects that reside in China and seen in private sites and institutions
Monitoring	<ul style="list-style-type: none"> Monitoring visits at public hospital sites are being completed remotely. Onsite monitoring visits are continuing at private sites and Institutions
IP Supply and delivery	<ul style="list-style-type: none"> No impact and the IP supply chain is operating with no restrictions
General	<ul style="list-style-type: none"> Sites, Industry, Health Authority and ECs coordinating activities to ensure subject safety and trial continuity 100% of Novotech staff can work remotely with office access if required. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation Electronic signatures are now accepted at some sites, however, will require wet-ink signatures when usual practices resume
COVID-19 Trials	<ul style="list-style-type: none"> High levels of investigator interest, institutional support, and acceleration of processes from ethics/regulatory authorities for COVID-19 trials

Top biotech sites: High level status (Top 10 sites in Hong Kong represent 100% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
Queen Mary Hospital	Available	By video	Available (with exceptions)	Available	Remote monitoring	Expedited
Prince of Wales Hospital	Available	By video	Available	Available	Available onsite	Expedited
Princess Margaret Hospital	Available	Available	Available	Available	Available onsite	Expedited
Queen Elizabeth Hospital	Available	By video	Available (with exceptions)	Available	Remote monitoring	Expedited
Alice Ho Miu Ling Nethersole Hospital	Available	Available	Available	Available	Available onsite	Expedited
Tuen Mun Hospital	Available	Available	Available	Available	Available onsite	Expedited
Humanity & Health Research Center	Available	Available	Available	Available	Available onsite	na
Pamela Youde Nethersole Eastern Hospital	Available	By video	Available (with exceptions)	Available	Available onsite (with exceptions)	Expedited
Hong Kong United Oncology	Available	Available	Available	Available	Available onsite	na
UNIMED Medical Institute	Available	Available	Available	Available	Available onsite	na

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

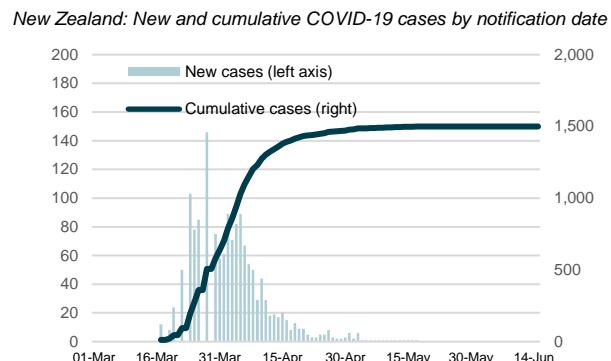
COVID-19 Client Bulletin

Status as at: 15th June 2020

New Zealand COVID-19 Snapshot

	New Zealand		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	1,504	0%	2,161,116	+7%
Deaths	22	0%	117,849	+4%
Deaths per 1M	4	0%	356	+4%
Testing rate per 1M	62,033	-	74,869	-

(1) change versus previous week



New Zealand Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies
Ethics and Governance	<ul style="list-style-type: none"> Review and approval of non-COVID-19 clinical trials are continuing as previously scheduled for majority of sites Some delays have been observed as a result of staff redeployment, an influx of applications for COVID-19 trials and amendments to existing trials
Recruitment	<ul style="list-style-type: none"> Sites are now recruiting patients
Participant visits	<ul style="list-style-type: none"> Patient visits are ongoing, and sites are continuing to recruit to studies. Healthy volunteers are recruiting to studies
Monitoring	<ul style="list-style-type: none"> Sites are looking at continuing to use telehealth or video conferencing for some procedures
IP Supply and delivery	<ul style="list-style-type: none"> International commercial flights have been decreased; however, logistic companies continue to supply the country No restrictions on IP supply to sites by the drug depot
General	<ul style="list-style-type: none"> New Zealand has implemented emergency level 1 which started on 9th June. Businesses have re-open, physical distancing and conduct contact tracing requirements continues. Regional travel including flying is permitted. Controls at the borders remain for those entering New Zealand, including health screening and testing for all arrivals, and mandatory 14-day managed quarantine or isolation Electronic signature widely accepted, now including Indemnities as the need for witness has been removed for the NZACRes template 100% of Novotech staff can work remotely. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> High levels of investigator interest, institutional support, and acceleration of processes from Ethics/regulatory authorities

Top sites: High level status (Top 10 sites in New Zealand represent 56% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
Auckland Clinical Studies	Available	Available	Available	Available	Available onsite	Expedited
Auckland City Hospital	Available	Available	Available	Available	Available onsite	Expedited
Christchurch Hospital	Available	Available	Available	Available	Available onsite	Expedited
Middlemore Hospital	Available	Available	Available	Available	Available onsite	Expedited
Christchurch Clinical Studies Trust	Available	Available	Available	Available	Available onsite	Expedited
Clinical Trials New Zealand	Available	Available	Available	Available	Available onsite	Expedited
Dunedin Hospital	Available	Available	Available	Available	Available onsite	Expedited
Christchurch Diabetes Centre	Available	Available	Available	Available	Available onsite	Expedited
New Zealand Brain Research Institute	Available	Available	Available	Available	Available onsite	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

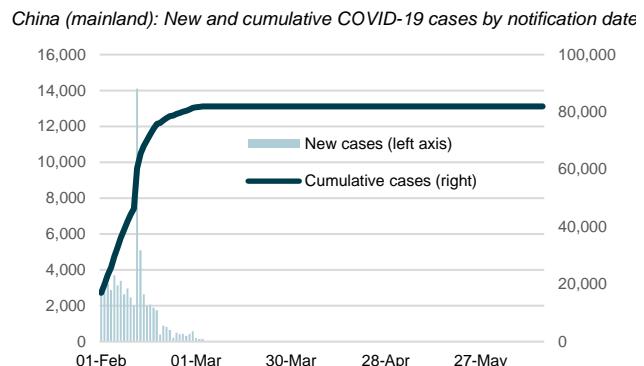
COVID-19 Client Bulletin

Status as at: 15th June 2020

China (mainland) COVID-19 Snapshot

	China (mainland)		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	83,132	0%	2,161,116	+7%
Deaths	4,634	0%	117,849	+4%
Deaths per 1M	3	0%	356	+4%
Testing rate per 1M	-	-	74,869	-

(1) change versus previous week



China (mainland) Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies
Ethics and Governance	<ul style="list-style-type: none"> About 90% of sites are available for normal EC submissions
Recruitment	<ul style="list-style-type: none"> Most sites in China are now recruiting normally
Participant visits	<ul style="list-style-type: none"> Participants visits are now possible for 95% of projects Quarantine measure may still apply for certain areas
Monitoring	<ul style="list-style-type: none"> Onsite monitoring is possible at about 90% of sites
IP Supply and delivery	<ul style="list-style-type: none"> Local logistics providers can support distribution of IP to site or propose direct-to-patient delivery Some sites are open for collection onsite
General	<ul style="list-style-type: none"> All PPC staff in China are now able to work back onsite 100% of Novotech staff can work remotely. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> High levels of investigator interest, institutional support, and acceleration of processes from Ethics/regulatory authorities for most sites

Top 10 sites: High level status (Top 10 sites in China mainland represent 13% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
The First Hospital of Jilin Uni.	Available	Available	Available	CT needed for inpatients	Available onsite	-
Beijing Cancer Hospital	Online submission only	By video	Available	No restriction for local subjects	Available onsite (with restrictions)	-
Zhejiang University Sc. Med.	Available	By video	Available	Available	Available onsite (with restrictions)	Expedited
West China Hospital of Sichuan	Available	Available	Available	Available	Available onsite (with restrictions)	-
Henan Cancer Hospital	Online submission only	By video	Available	Available	Available onsite (with restrictions)	-
Cancer Institute and Hospital Chinese Academy of Med. Sc.	Online submission only	By video	Partially available	No restriction for local subjects	Remoting monitoring	-
Zhejiang Cancer Hospital	On hold	Available	Available	Available	Available onsite (with restrictions)	-
Hunan Cancer Hospital	Available	Available	Available (Application in advance needed)	No restriction for local subjects	Available onsite (with restrictions)	-
Xiangya Hospital	Available	Available	Available (Application in advance needed)	No restriction for local subjects	Available onsite (with restrictions)	-
Fudan University Shanghai	Available	Available	Available	Available	Available onsite (with restrictions)	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

COVID-19 Client Bulletin

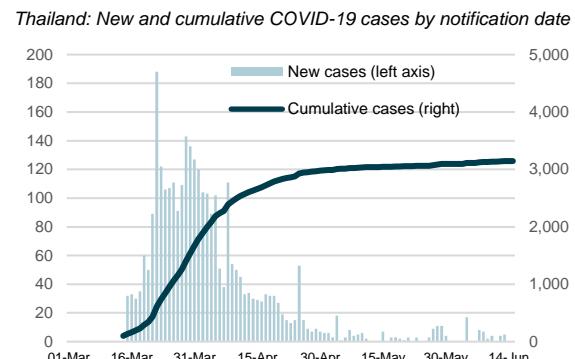


Status as at: 15th June 2020

Thailand COVID-19 Snapshot

	Thailand		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	3,135	1%	2,161,116	+7%
Deaths	58	0%	117,849	+4%
Deaths per 1M	0.8	0%	356	+4%
Testing rate per 1M	6,708	-	74,869	-

(1) change versus previous week



Thailand Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies however some delays in response are expected for PIs who are managing COVID-19 trials
Ethics and Governance	<ul style="list-style-type: none"> Ethics Committees are accepting new projects online or via a portal as normal
Recruitment	<ul style="list-style-type: none"> Recruitment is now available at most sites However, sites need to provide EC with justification and implement transmission prevention actions
Participant visits	<ul style="list-style-type: none"> Sites are open for participant visits to occur unless the subject is self-isolating
Monitoring	<ul style="list-style-type: none"> Onsite monitoring visits have resumed since 1st June
IP Supply and delivery	<ul style="list-style-type: none"> Except for cargo flights, Thailand is closed for international flights until 30th June. This may impact on IP study supplies and lab sample shipments coming in and out of Thailand Domestic flights resumed on 1st May Marken vendor approved by QA and may be utilised by sites, if required, as a contingency
General	<ul style="list-style-type: none"> Thailand has announced a State of Emergency which was extended to 30th June with an evening curfew in place Novotech office in Bangkok reopened on 7th May although 100% of Novotech staff can work remotely. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> HA and EC have an expedited COVID-19 trials review commitment of 8 weeks

Top sites: High level status (Top 10 sites in Thailand represent 59% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
Maharaj Nakorn Chiang Mai Hospital	Available	Available	Available	Available	Available	Expedited
Srinagarind Hospital	Available	Available	Available	Available	Available	Expedited
Siriraj Hospital	Available	Available	Available	Available	Available	Expedited
Songklanagarind Hospital	Available	Available	Available	Available	Available	Expedited
King Chulalongkorn Memorial Hospital	Available	Available	Available	Available	Available	Expedited
Phramongkutklao Hospital	Available	Available	Available	Available	Available	Expedited
Thammasat Hospital	Available	Available	Available	Available	Available	Expedited
Ramathibodi Hospital	Available	Available	Available	Available	Available	Expedited
Rajavithi Hospital	Available	Available	Available	Available	Available	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

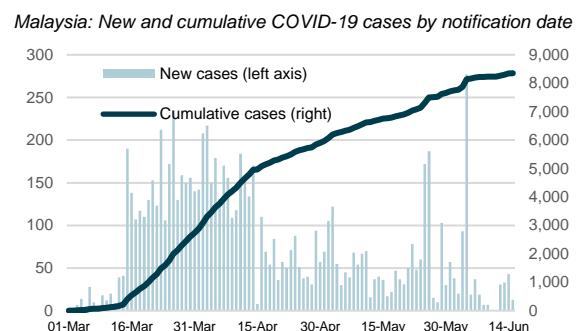
COVID-19 Client Bulletin

Status as at: 15th June 2020

Malaysia COVID-19 Snapshot

	Malaysia		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	8,453	+1%	2,161,116	+7%
Deaths	121	+3%	117,849	+4%
Deaths per 1M	4	+3%	356	+4%
Testing rate per 1M	19,117	-	74,869	-

(1) change versus previous week



Malaysia Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies however some delays in response are expected
Ethics and Governance	<ul style="list-style-type: none"> EC and HA review ongoing as per schedule now. Health Authority is prioritising COVID-19 applications during this period An expedited review will be given for these studies under pandemic/epidemic status for public health interests. The timeline for expedited review is 20 working days
Recruitment	<ul style="list-style-type: none"> Most sites are gradually resuming their operations to include study activities other than the essential subject visits, upon Principal Investigator's discretion/ Hospital's direction
Participant visits	<ul style="list-style-type: none"> Most sites remain open for subject visits, and gradually resuming their operations to include study activities other than the essential subject visits, upon Principal Investigator's discretion/ Hospital's direction
Monitoring	<ul style="list-style-type: none"> Onsite monitoring visits are allowed Interstate travel is now allowed
IP Supply and delivery	<ul style="list-style-type: none"> No restrictions on IP supply to sites by the drug depot DTP vendor approved by QA and may be utilised by sites, if required, as a contingency
General	<ul style="list-style-type: none"> Malaysia has now entered the Recovery Movement Control Order phase which will run from 10th June to 31st August 2020. Most social, educational, religious and business activities, as well as economic sectors will reopen gradually. All government services will be fully operational during the recovery movement control order (RMCO) 100% of Novotech staff can work remotely. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> HA and EC expedite COVID-19 trials on a case by case basis Currently Malaysia is participating in the WHO SOLIDARITY trial, with 9 sites

Top 10 sites: High level status (Top 10 sites in Malaysia represent 63% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
University Malaya Medical Centre	Available	Available	Available	Available	Available on site	Expedited
Hospital Kuala Lumpur	Available	Available	Available	Available	Available on site	Expedited
Hospital Pulau Pinang	Available	Available	Available	Available	Available on site	Expedited
Hospital Ampang	Available	Available	Available	Available	Available on site	Expedited
Hospital Umum Sarawak	Available	Available	Available	Available	Available on site	Expedited
Hospital Raja Perempuan	Available	Available	Available	Available	Available on site	Expedited
Hospital Raja Permaisuri Bainun	Available	Available	Available	Available	Available on site	Expedited
Hospital Serdang	Available	Available	Available	Available	Available on site	Expedited
Hospital Sultan Ismail	Available	Available	Available	Available	Available on site	Expedited
Hospital Tengku Ampuan	Available	Available	Available	Available	Available on site	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

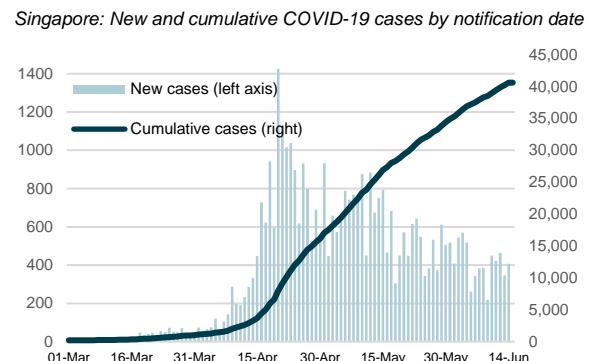
COVID-19 Client Bulletin

Status as at: 15th June 2020

Singapore COVID-19 Snapshot

	Singapore		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	40,604	+6%	2,161,116	+7%
Deaths	26	+4%	117,849	+4%
Deaths per 1M	4	+4%	356	+4%
Testing rate per 1M	83,562	-	74,869	-

(1) change versus previous week



Singapore Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies however some delays in response are expected
Ethics and Governance	<ul style="list-style-type: none"> EC and HA review ongoing as per schedule Singapore HA has released guidance on conduct of clinical trials in relation to the COVID-19 situation
Recruitment	<ul style="list-style-type: none"> Recruitment temporarily on hold in some sites while recruitment continues in others
Participant visits	<ul style="list-style-type: none"> Varies from site to site, some sites now allow subject visits If remote study visits are to be implemented, this must be notified to HA prior to implementation
Monitoring	<ul style="list-style-type: none"> On-site monitoring is prohibited for most sites, unless there is urgent request due to database lock or safety monitoring for Phase 1 studies. In such circumstances, an official memo should be provided by the sponsor and a request for on-site monitoring must be made at least one month in advance
IP Supply and delivery	<ul style="list-style-type: none"> No restrictions for IP supply to sites by drug depot DTP vendor approved by QA and may be utilised by sites if required
General	<ul style="list-style-type: none"> Singapore government has implemented the post Circuit Breaker phase 1. Essential businesses are now operational and people are encouraged to work from home 100% of Novotech staff can work remotely with office access if required. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> HA and EC may review COVID-19 trials on expedited basis, on a case-by-case basis Currently there are three COVID-19 trials approved in Singapore

Top biotech sites: High level status (Top sites in Singapore represent 100% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
National University Hospital	Available	On hold	Available (with exceptions)	Available	Limited Remote Monitoring	Expedited
Singapore General Hospital	Available	On hold	Available	Available	Limited Remote Monitoring	Expedited
Changi General Hospital	Available	On hold	On hold	On hold	On hold	Expedited
National Cancer Centre	Available	On hold	On hold	On hold	Limited Remote Monitoring	-
Raffles Hospital	Available	On hold	Available	Available	On hold	-
Tan Tock Seng Hospital	Available	On hold	Available	Available	On hold	Expedited
Khoo Teck Puat Hospital	Available	On hold	On hold	Available	On hold	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Statista, Worldometer, Ourworldindata.org

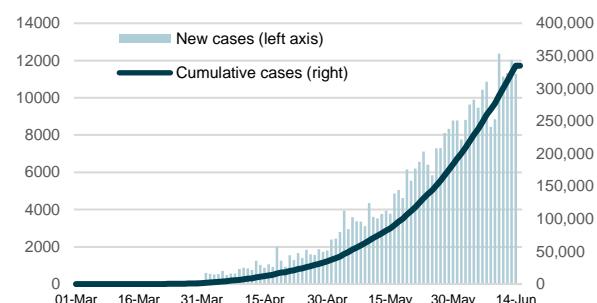
COVID-19 Client Bulletin

Status as at: 15th June 2020

India COVID-19 Snapshot

	India		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	333,008	+25%	2,161,116	+7%
Deaths	9,520	+27%	117,849	+4%
Deaths per 1M	7	+25%	356	+4%
Testing rate per 1M	4,102	-	74,869	-

India: New and cumulative COVID-19 cases by notification date



(1) change versus previous week

India Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Feasibilities are getting delayed because of resource constraints at sites
Ethics and Governance	<ul style="list-style-type: none"> A minority of top biotech sites are allowing online EC submissions and are open to review new clinical trial proposals Many ethics committees have put their activities on hold Indian Council of Medical Research has also released draft guidance to allow e-consenting
Recruitment	<ul style="list-style-type: none"> Sites are now reopening as lockdown is only restricted to containment zones. There are still some restrictions on travel so patient recruitment may still be affected.
Participant visits	<ul style="list-style-type: none"> A majority of top sites are still allowing visits to occur
Monitoring	<ul style="list-style-type: none"> Onsite monitoring visits are on hold during the Lockdown period and is expected to re-open after 31st May About half of top biotech sites allow for remote monitoring
IP Supply and delivery	<ul style="list-style-type: none"> IP supply chain is functioning and allow to deliver IP to hospitals as well as directly to participants Major IP storage and distribution companies are operating normally
General	<ul style="list-style-type: none"> India has implemented a lockdown which will run until 30th June but is restricted to specific containment zones, during this time all medical / healthcare facilities remain open with a focus on COVID-19 management 100% of Novotech staff can work remotely. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> Regulatory submissions for all trials are conducted online The Ministry of Health has implemented expedited timelines for COVID trials review (within 10 working days)

Top 10 sites: High level status (Top 10 sites in India represent 12% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
King George's Medical Univ.	On hold	On hold	On hold	Available	Remote monitoring	Several studies in review
Ruby Hall Clinical Services	Online submission accepted	On hold	On hold	On hold	Remote monitoring	-
K.L.E.S. Dr. Prabhakar Kore Hospital	Online submission accepted	On hold	On hold	On hold	On hold	-
King George Hospital Visakhapatnam	On hold	Available partially	On hold	IP is been dispensed via courier IP can be dispensed via courier	On hold	Several studies in review
Sir Ganga Ram Hospital	On hold	Available partially	On hold	IP is been dispensed via courier IP can be dispensed via courier	On hold	Several studies in review
Postgraduate Institute of Medical Education and Research Chandigarh	On hold	On hold	On hold	On hold	Remote monitoring	-
Curie Manavata Cancer Centre	Online submission accepted	Available partially	Available	Available	Remote monitoring	-
Deenanath Mangeshkar Hospital	On hold	Available partially	On hold	Available	On hold	Several studies in review
B J Medical College & Sasoon Hospital, Pune	On hold	Available partially	On hold	IP can be dispensed via courier	On hold	Several studies in review

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org

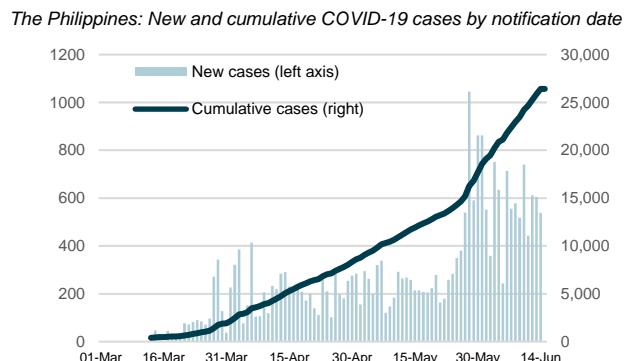
COVID-19 Client Bulletin

Status as at: 15th June 2020

The Philippines COVID-19 Snapshot

	The Philippines		United States	
	#	Δ ¹	#	Δ ¹
Confirmed Cases	25,930	+15%	2,161,116	+7%
Deaths	1,088	+8%	117,849	+4%
Deaths per 1M	10	+8%	356	+4%
Testing rate per 1M	4,626	-	74,869	-

(1) change versus previous week



The Philippines Clinical Trial Insights

Feasibility	<ul style="list-style-type: none"> Majority of sites continue to be very interested in new studies however some delays in response are expected
Ethics and Governance	<ul style="list-style-type: none"> The Philippines' FDA and Ethics Committees are accepting new projects online
Recruitment	<ul style="list-style-type: none"> Recruitment gradually reopening since the end of the lockdown on June 1st 2020
Participant visits	<ul style="list-style-type: none"> Only essential subject visits are occurring depending on location of site staff and subjects There may be delays in data capture due to access of site source notes
Monitoring	<ul style="list-style-type: none"> Onsite monitoring now allowed at some sites Sites are open to support remote monitoring however this would be assessed on a case-by-case basis
IP Supply and delivery	<ul style="list-style-type: none"> Domestic flights reopening. Inbound flights may still be limited but cargo flights unhampered. Local logistics providers can support distribution of IP to site or direct-to-patient delivery DTP vendor approved by QA and may be utilised by sites, if required, as a contingency
General	<ul style="list-style-type: none"> 100% of Novotech staff are working remotely. State-of-the-art IT infrastructure with ISO 27001 Information Security accreditation
COVID-19 Trials	<ul style="list-style-type: none"> Strong interest in COVID-19 trials COVID-19 trials will be treated as priority by The Philippines' FDA and the Single Joint Research Ethics Board (SJREB)

Top 10 sites: High level status (Top 10 sites in The Philippines represent 46% of biotech activity)

	Ethics/ Gov	Site Initiation	Recruitment	Participant visits	Monitoring	COVID-19 trials
Davao Doctors Hospital	Available (with exceptions)	On hold	On hold	Available	On hold	Expedited
De La Salle Health Science Institute	Available	Available	Available	Available	Available	Expedited
Makati Medical Center	Available	On hold	Available (with exceptions)	Available (with exceptions)	On hold	Expedited
St Luke's Medical Center (SLMC) Quezon City	Available (with exceptions)	On hold	Available (with exceptions)	Available (with exceptions)	Available (with exceptions)	Expedited
Cebu Doctors' University Hospital	Available (with exceptions)	On hold	On hold	Available (with exceptions)	On hold	Expedited
National Kidney & Transplant Institute (NKTI)	Available (with exceptions)	On hold	On hold	Available (with exceptions)	On hold	Expedited
Philippine General Hospital	Available (with exceptions)	Available	Available	Available (with exceptions)	Available	Expedited
Baguio General Hospital	On hold	On hold	On hold	Available (with exceptions)	On hold	Expedited
Manila Doctors Hospital	Available	Available	Available	Available (with exceptions)	Available	Expedited
Perpetual Succour Hospital	On hold	On hold	On hold	Available (with exceptions)	On hold	Expedited

Novotech monitors activity for all sites. Please contact your project manager for an update

Sources: Worldometer, Ourworldindata.org